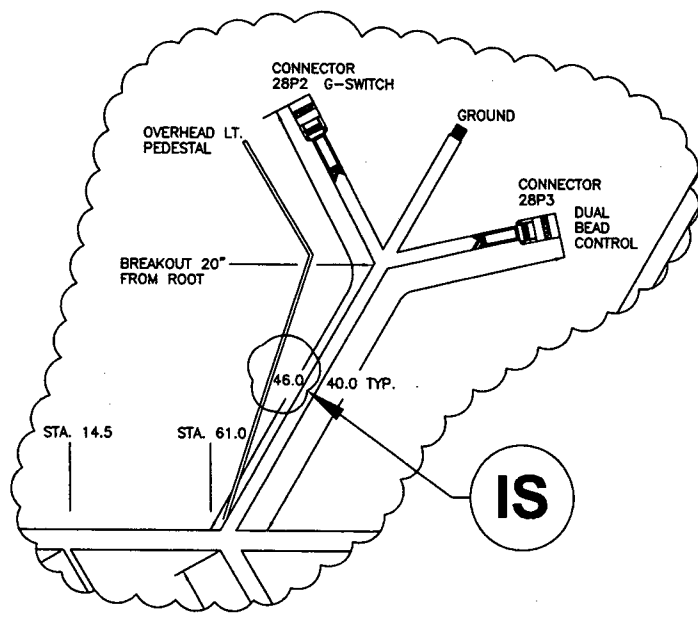
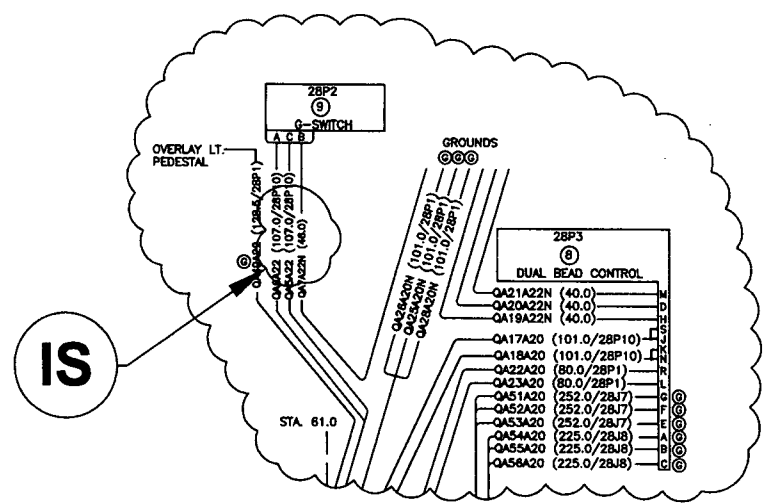


<h1 style="margin:0;">APICAL</h1> <p style="margin:0;">INDUSTRIES, INC.</p>	ENGINEERING CHANGE NOTICE NO. 03103					SHEET 1 OF 2		
	DWG NO. 41228-400-009		REV: H	PREPARED BY	J. GARDINER	DATE: 05/10/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: AUX FUEL ELEC. WIRE HARNESS							
	APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>		QC <i>[Signature]</i>		EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISE LENGTH OF HARNESS.						

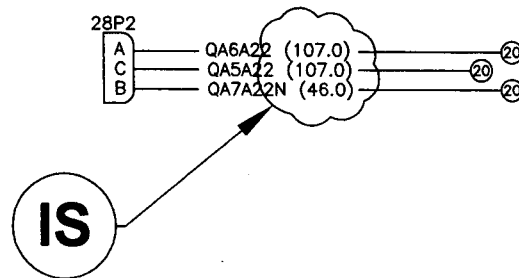


SHEET 3, ZONE B4 IS:



SHEET 4, ZONE B4 IS:

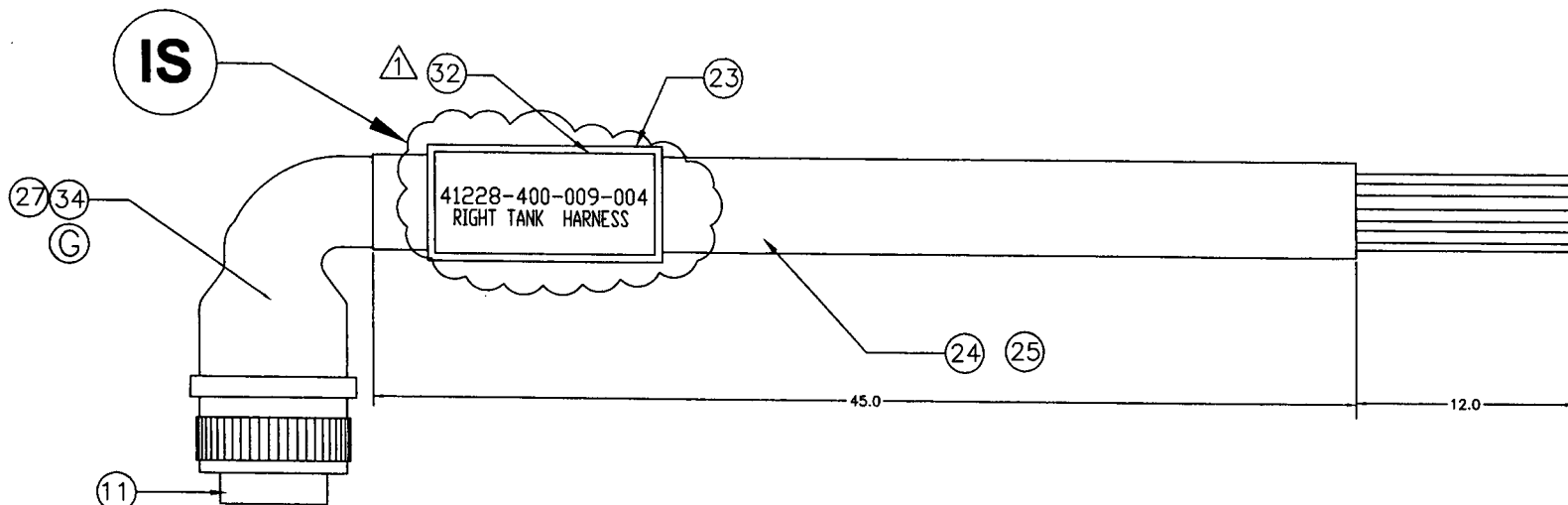
20	R	M22759/41-22-9		61'						46'				
F/N	TC	PART NUMBER	-009	-008	-007	-006	-005	-004	-003	-002	-001	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY											
DOCUMENTS EFFECTED:												CHANGE CATEGORY	DER REVIEW REQUIRED	
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM												<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	



SHEET 6, ZONE A2 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03054				SHEET 1 OF 1	
	DWG NO. 41228-400-009	REV: H	PREPARED BY J. GARDINER	DATE: 02/03/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: AUX FUEL ELEC. WIRE HARNESS					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISE LABEL ON 41228-400-009-004 RIGHT TANK HARNESS AND REVISE TYPO IN TITLE BLOCK				



41228-400-009-004 RIGHT TANK HARNESS

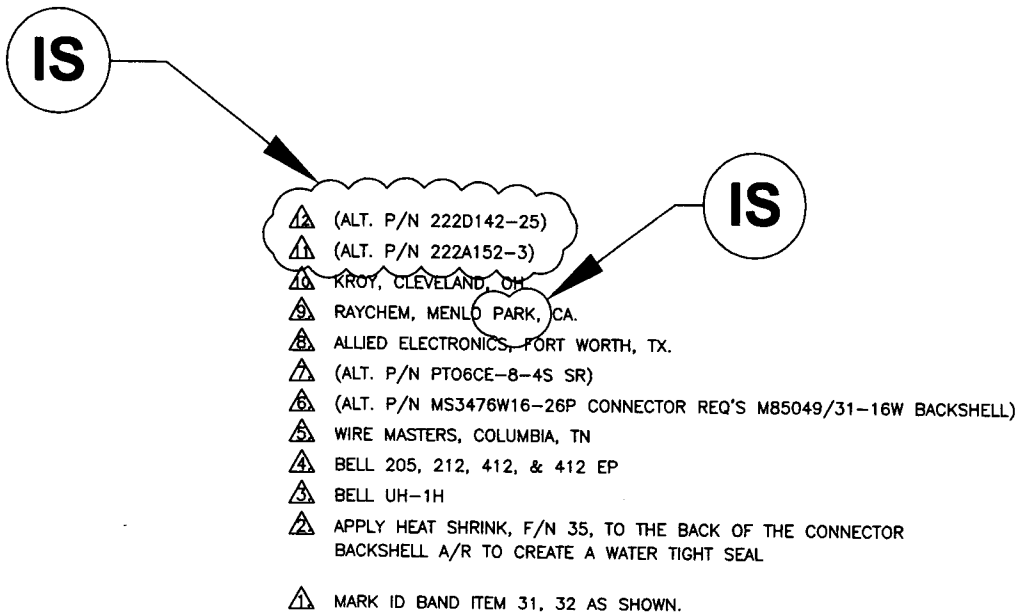
ORIGINAL DATE 11-15-93 (NO-DA-76)	APICAL INDUSTRIES, INC.
DESIGNED BY T. HARVILLE	
DRAWING APPROVAL	AUX FUEL ELEC. WIRE HARNESS
CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON: 3 PLACE DECIMALS ± .005 2 PLACE DECIMALS ± .010 ANGLES ± .1°	SIZE B CASE CODE 07M26 DWG. NO. 41228-400-009 REV H SCALE NONE SHEET 3 of 11

SHEET 9, ZONE C5 IS:

SHEET 3-11, ZONE D8 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

<h1 style="margin:0;">APICAL</h1> <p style="margin:0;">INDUSTRIES, INC.</p>	ENGINEERING CHANGE NOTICE NO. 03032				SHEET 1 OF 1	
	DWG NO. 41228-400-009		REV: H	PREPARED BY J.GARDINER	DATE: 01/10/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: AUX FUEL ELEC. WIRE HARNESS					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>		QC <i>[Signature]</i>		EFF: CURRENT ORDER
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADD DELTA NOTES 11 AND 12, REVISE DELTA NOTE 9 AND REVISE F/N 26 AND 34.				



NOTE:

SHEET 1, ZONE C1 IS:

34	R	222D142-12-0					1	1				BOOT		
26	R	222D152-3-00	1	1			1	1	1	1	1	BOOT		
F/N	TC	PART NUMBER	-009	-008	-007	-006	-005	-004	-003	-002	-001	DESCRIPTION	MATERIAL	SPECIFICATION
QTY														
DOCUMENTS EFFECTED:												CHANGE CATEGORY	DER REVIEW REQUIRED	
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM												<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

1 2 3 4 5 6 7 8


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	GENERAL UPDATE	02-01-94	
B	REVISED CONNECTOR P/N ON F/D & L/M	05-03-94	
C	GENERAL UPDATE	07-27-94	
D	ADDED FIND NO.S FOR PARTS	09-08-94	
E	ADDED -004 & -005 HARNESS TO L/M & F/D ADDED -006 & -007 JUMPER PLUG TO L/M & F/D ADDED SHT. 9, 10 & 11	11-22-94	
F	INCORPORATED E.O. F-1	01-23-96	K.E. YEOMAN
G	ADDED -008 ASSY; DELETED FIND #'S FOR ASSY'S; MOVED ITEMS 32 & 33 TO 1 & 2; MOVED 31 TO 13; DELETED ITEM 34; ADDED NEW ITEM 3, 31, 32 & 33; ADDED VENDOR FOR & CHANGED LENGTHS & GAUGES OF WIRES; ADDED ALT P/N TO ITEM 9; REVISED NEXT ASSY; ADDED A/C MODEL #'S TO ASSY'S IN L/M; CHANGED P/N OF ITEM 14; CHANGED ITEM 9 P/N TO ALT P/N & ADDED "MS" NO; CHANGED QTY OF ITEM 11; ADDED NOTE 1; ADDED ITEM 34 TO L/M.	01-27-98	V. HERO
H	INCORPORATED ECN 01860, 01952 & 02996	11-03-10	P. BRAVO

UNINCORPORATED ECN(s)

03032, 03054, 03103

	AR	AR	AR	AR	AR	AR	AR	AR	14	617-4925	SCOTCH 2242 VINYL TAPE		△
	2							2	13	MS3417-14A	BACKSHELL		
	50	16	16	16	16	16	16	50	12	MS27488-20	MOISTURE SEAL		
				1	1	1	1		11	MS3476W16-26P	CONNECTOR		
	2							2	10	MS3470W16-26S			
	1							1	9	MS3116F8-4S			△
	1							1	8	MS3476W14-19S			
	1							1	7	MS3456W16S-1S			
	2							2	6	MS3456W10SL-3S			
1									5	MS3456W16-11S			
	2							2	4	MS3476W14-19P	CONNECTOR		
		1	1						3	MS3126E16-26P	CONNECTOR		△
	477"			57"	57"	57"	57"	477"	2	M27500-20SM1N23	WIRE 1 CON.		△
	2							2	1	MS3417-10A	BACKSHELL		
										41228-400-009-009	POWER A/F HARNESS		△
										41228-400-009-008	A/F HARNESS		△
										41228-400-009-007	LEFT JUMPER PLUG		△
										41228-400-009-006	RIGHT JUMPER PLUG		△
										41228-400-009-005	LEFT TANK HARNESS		△
										41228-400-009-004	RIGHT TANK HARNESS		△
										41228-400-009-003	LEFT TANK HARNESS		△
										41228-400-009-002	RIGHT TANK HARNESS		△
										41228-400-009-001	A/F HARNESS		△

-009	-008	-007	-006	-005	-004	-003	-002	-001	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
QTY REQ'D									PARTS LIST				
NEXT ASSY(S)									ORIGINAL DATE (MO-DA-YR) 11-15-93		<div><p>2808 TOWLE HEIGHTS DR. OCCASION, CA 92026-3512 (760) 724-8300</p><p>AUX FUEL ELEC. WIRE HARNESS</p></div>		
41228-400-007									DRAWN BY CHECKER				
41228-200-005									T. HARVILLE				
41228-200-004									DRAWING APPROVAL				
									CONTRACT No.				
									UNLESS OTHERWISE SPECIFIED		SIZE CAGE CODE DWG. No. B 07M26 41228-400-009		
									DIMENSIONS ARE IN INCHES				
									TOLERANCES ON:				
									2 PLACE DECIMALS ± .03				
									3 PLACE DECIMALS ± .010				
									ANGLES ± .5°		SCALE NONE SHEET 1 of 11		

- △ KROY, CLEVELAND, OH
△ RAYCHEM, MENLO PARL, CA.
△ ALLIED ELECTRONICS, FORT WORTH, TX.
△ (ALT. P/N PT06CE-8-4S SR)
△ (ALT. P/N MS3476W16-26P CONNECTOR REQ'S M85049/31-16W BACKSHELL)
△ WIRE MASTERS, COLUMBIA, TN
△ BELL 205, 212, 412, & 412 EP
△ BELL UH-1H
△ APPLY HEAT SHRINK, F/N 35, TO THE BACK OF THE CONNECTOR BACKSHELL A/R TO CREATE A WATER TIGHT SEAL
△ MARK ID BAND ITEM 31, 32 AS SHOWN.

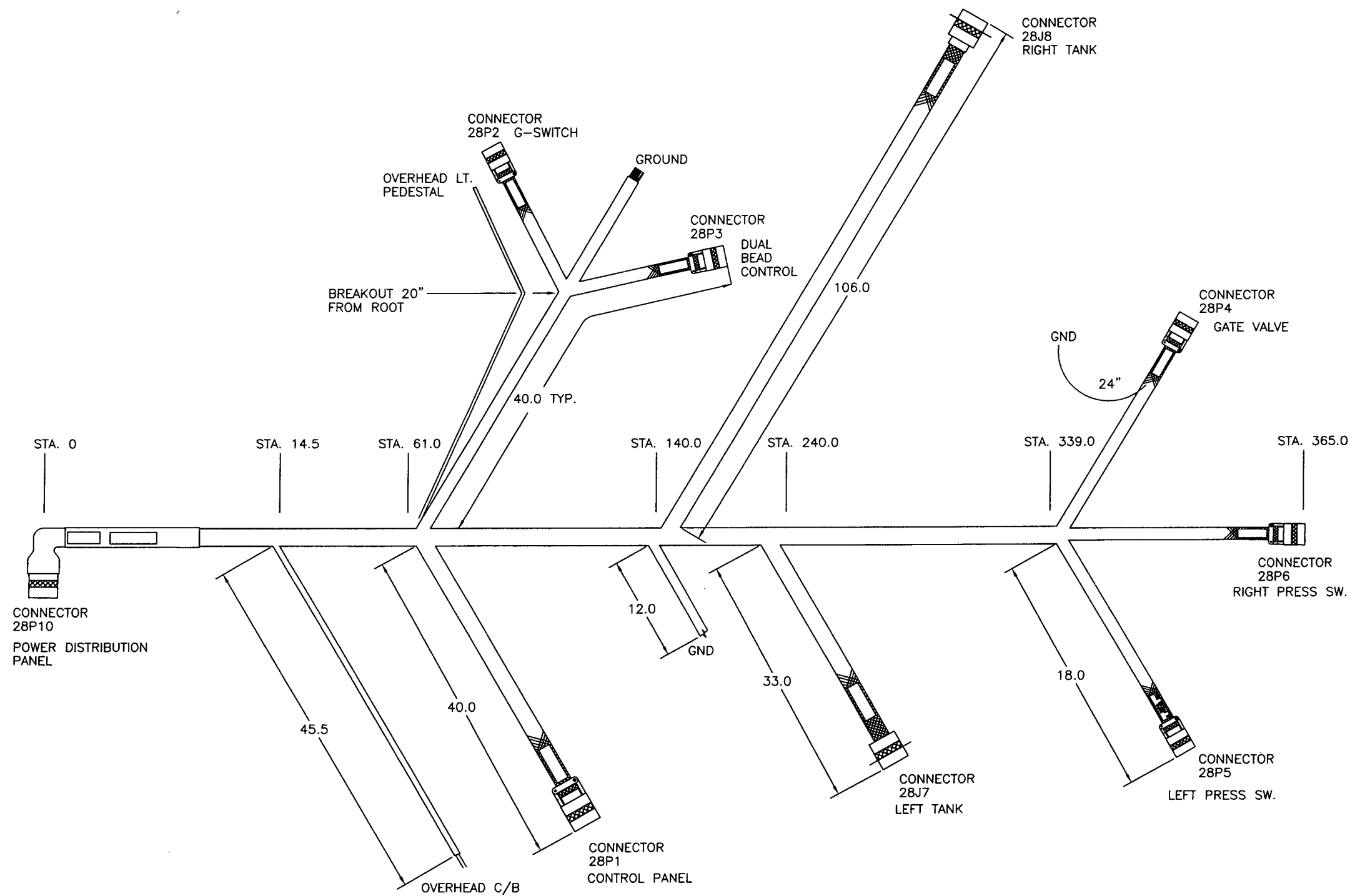
NOTE:

D |

D

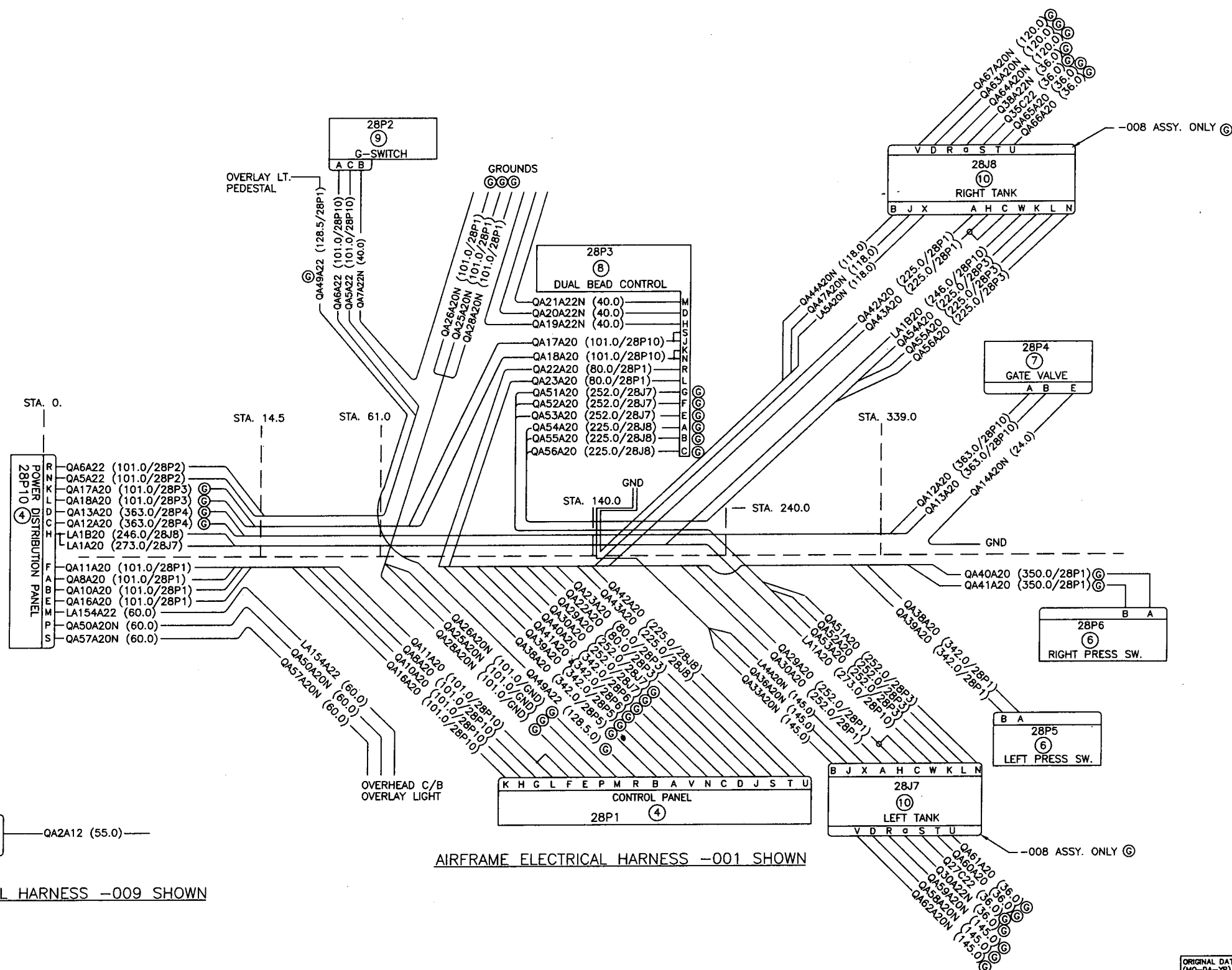
8

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ORIGINAL DATE (MO-DA-YR) 11-15-93		 <small>2000 TEMPLE HEIGHTS DR. OCEANVIEW, CA 92050-2012 (760) 724-0300</small>	
DRAWN BY T. HARVILLE			
DRAWING APPROVAL		AUX FUEL ELC. WIRE HARNESS	
CONTRACT No.		DWG. No. 41228-400-009	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE B	REV H
SCALE NONE		SHEET 3 of 11	

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POWER AIRFRAME ELECTRICAL HARNESS -009 SHOWN

AIRFRAME ELECTRICAL HARNESS -001 SHOWN

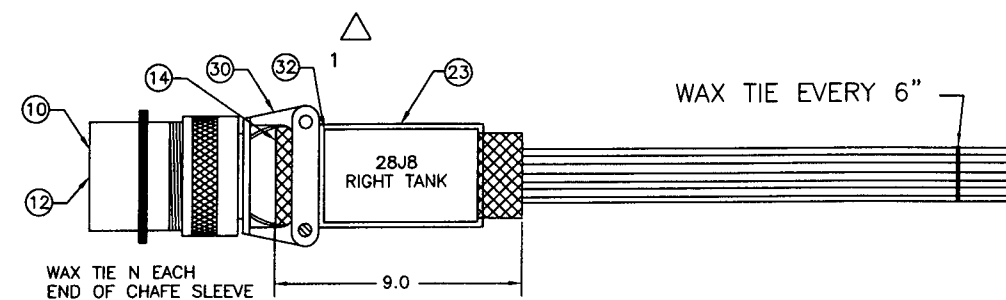
ORIGINAL DATE (MO-DA-YR)	11-15-93		
DRAWN BY	CHECKER		
T. HARVILLE			
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°			
SIZE	CAGE CODE	DWG. No.	REV
B	07M26	41228-400-009	H
SCALE NONE		SHEET 4 of 11	

APICAL INDUSTRIES, INC.
2800 TEMPLE HEIGHTS DR.
OCCIDENT, CA 92650-3512 (714) 724-4300

AUX FUEL ELC. WIRE HARNESS

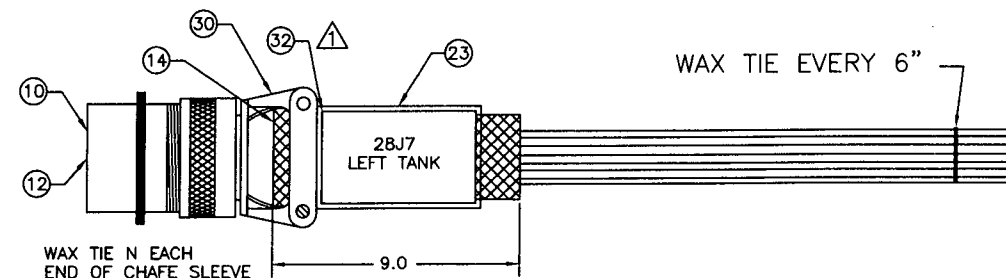
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

28J8			
W	LA1B20 (246.0)	19	19
A	QA42A20 (225.0)	19	2
H	QA43A20 (225.0)	19	19
C			
K	QA54A20 (225.0)	19	19
L	QA55A20 (225.0)	19	19
N	QA56A20 (225.0)	19	19
B	QA44A20N (118.0)	19	19
J	QA47A20N (118.0)	19	19
X	LA5A20N (118.0)	19	19



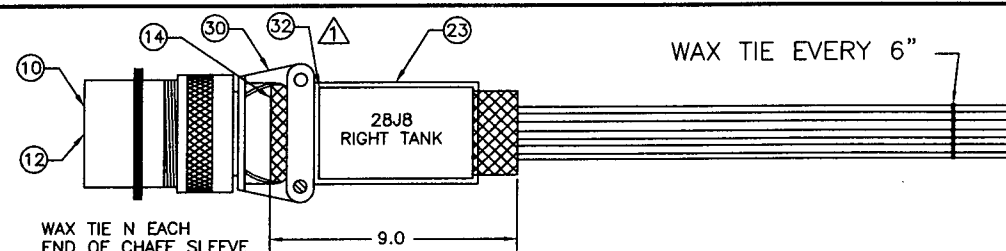
CONNECTOR 28J8 RIGHT TANK A/F HARNESS
-001 ASSY

28J7			
N	QA51A20 (252.0)	19	19
L	QA52A20 (252.0)	19	19
K	QA53A20 (252.0)	19	2
H	QA29A20 (252.0)	19	19
C			
A	QA30A20 (252.0)	19	19
B	QA33A20N (145.0)	19	19
J	QA36A20N (145.0)	19	19
X	LA4A20N (145.0)	19	19
W	LA1A20 (273.0)	19	19



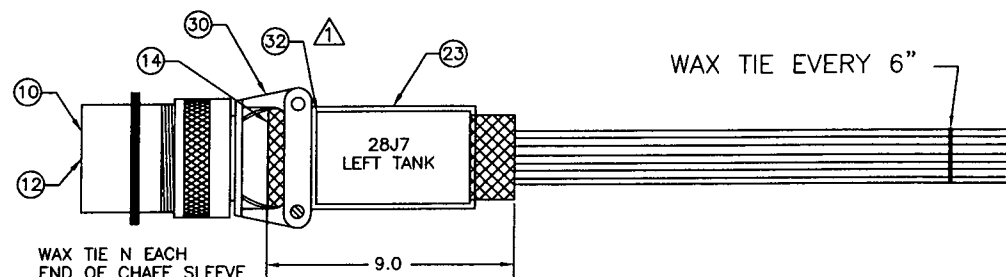
CONNECTOR 28J7 LEFT TANK A/F HARNESS
-001 ASSY

28J8			
W	LA1B20 (246.0)	19	19
A	QA42A20 (225.0)	19	2
H	QA43A20 (225.0)	19	19
C			
K	QA54A20 (225.0)	19	19
L	QA55A20 (225.0)	19	19
N	QA56A20 (225.0)	19	19
B	QA44A20N (118.0)	19	19
J	QA47A20N (118.0)	19	19
X	LA5A20N (118.0)	19	19
V	QA67A20N (120.0)	19	19
D	QA63A20N (120.0)	19	19
R	QA64A20N (120.0)	19	19
a	Q38A22N (36.0)	20	20
S	Q35C22 (36.0)	20	20
T	QA65A20 (36.0)	19	19
U	QA66A20 (36.0)	19	19




CONNECTOR 28J8 RIGHT TANK A/F HARNESS
-008 ASSY

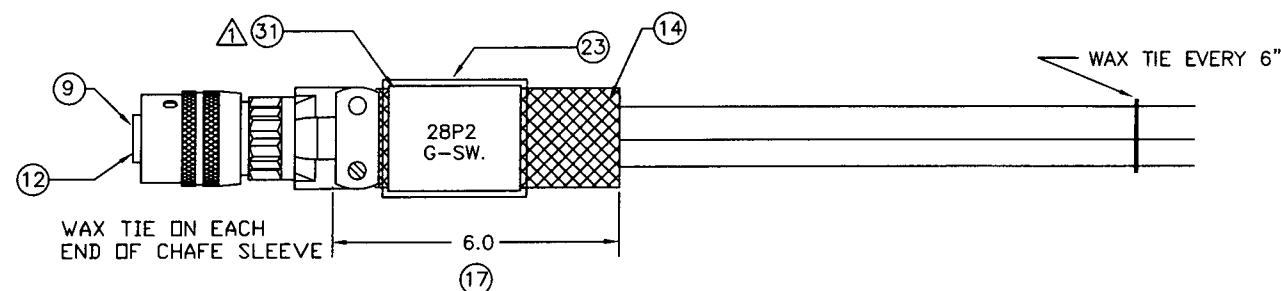
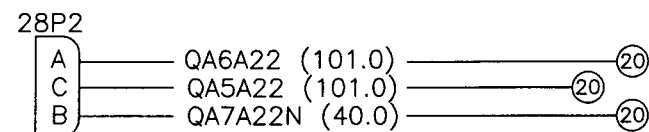
28J7			
N	QA51A20 (252.0)	19	19
L	QA52A20 (252.0)	19	19
K	QA53A20 (252.0)	19	2
H	QA29A20 (252.0)	19	19
C			
A	QA30A20 (252.0)	19	19
B	QA33A20N (145.0)	19	19
J	QA36A20N (145.0)	19	19
X	LA4A20N (145.0)	19	19
W	LA1A20 (273.0)	19	19
V	QA62A20N (145.0)	19	19
D	QA58A20N (145.0)	19	19
R	QA59A20N (145.0)	19	19
a	Q30A22N (36.0)	20	20
S	Q27C22 (36.0)	20	20
T	QA60A20 (36.0)	19	19
U	QA61A20 (36.0)	19	19



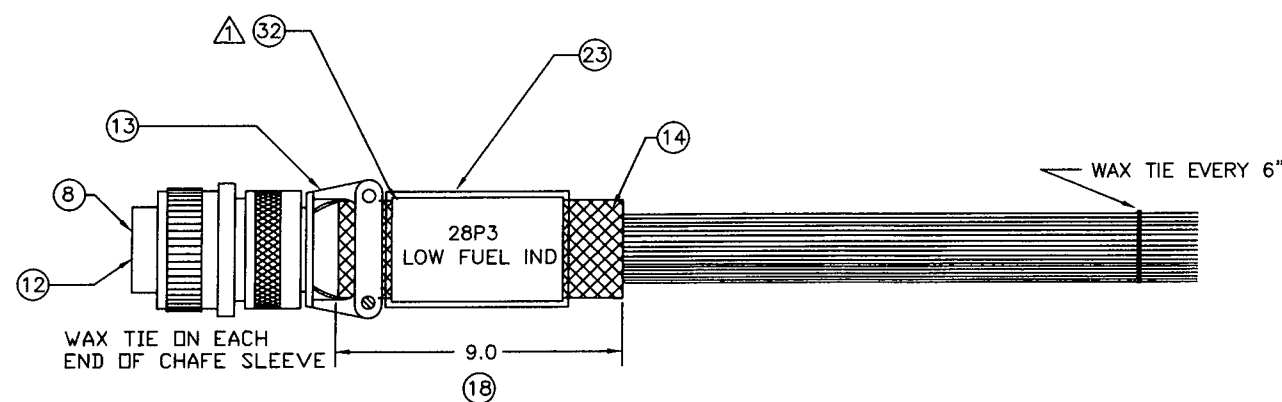
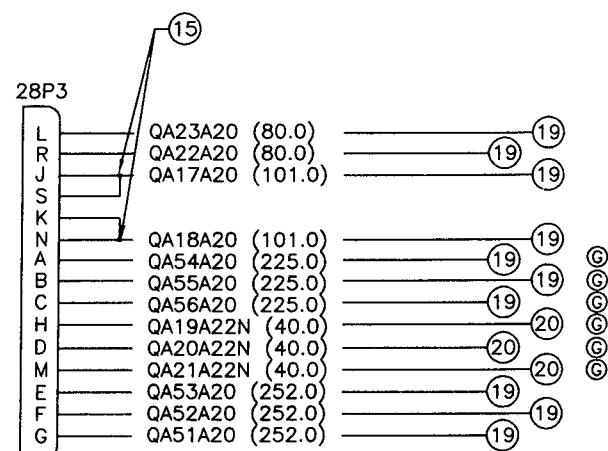
CONNECTOR 28J7 LEFT TANK A/F HARNESS
-008 ASSY

ORIGINAL DATE (MO-DA-YR) 11-15-93	 2500 TEMPLE HEIGHTS DR. OCCIDENT, CA 92006-3012 (714) 794-0300	
DRAWN BY T. HARVILLE		
CHECKER	CONTRACT No.	
DRAWING APPROVAL	AUX FUEL ELC. WIRE HARNESS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± 3°	SIZE B	CAGE CODE 07M26
	DWG. No. 41228-400-009	REV H
SCALE NONE	SHEET 5 of 11	

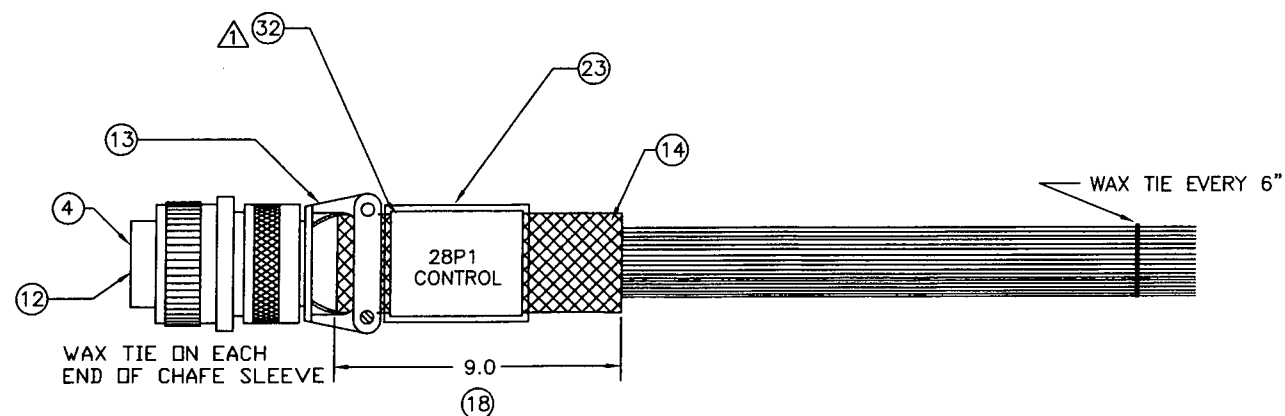
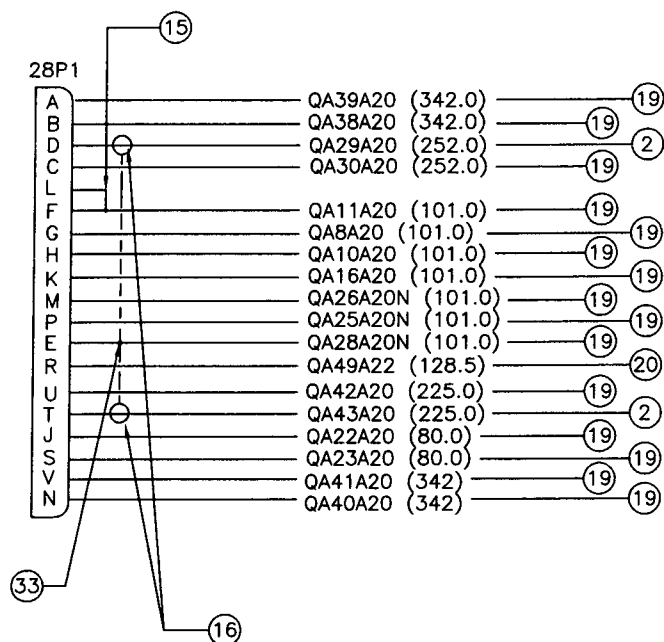
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CONNECTOR 28P2 G-SWITCH A/F HARNESS



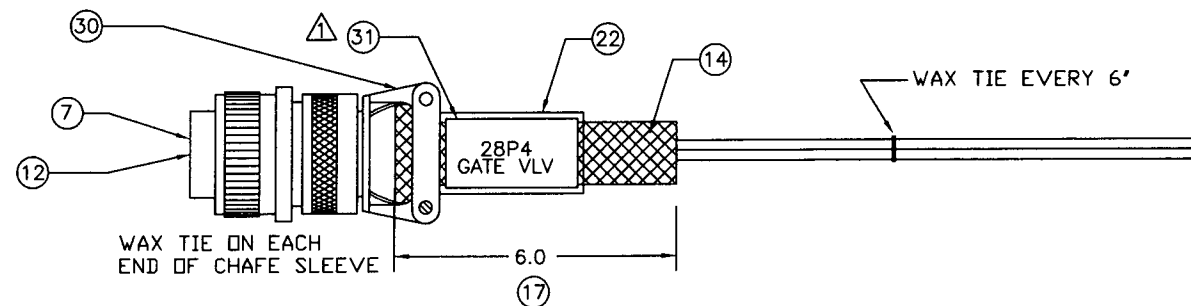
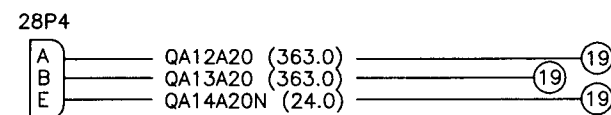
CONNECTOR 28P3 LOW FUEL IND. A/F HARNESS



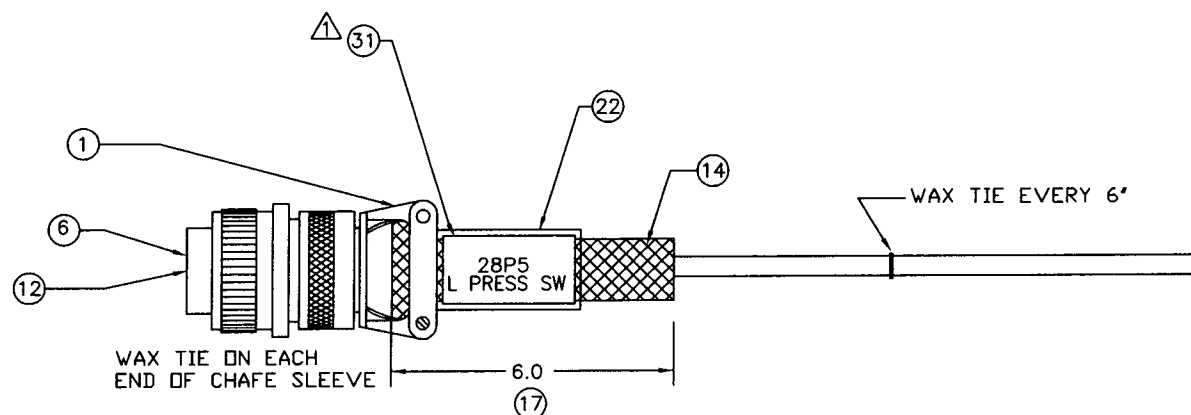
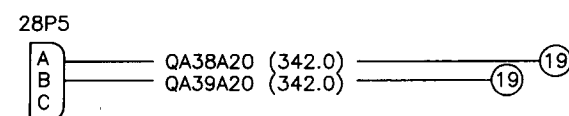
CONNECTOR 28P1 CONTROL PANEL A/F HARNESS

ORIGINAL DATE (MO-DA-YR)	11-15-93		2808 TEMPLE HEIGHTS DR. GUNNERSBURG, VA 22088-2013 (703) 724-0300
DRAWN BY	CHECKER		
T. HARVILLE			
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES OR 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE B CAGE CODE 07M26 SCALE NONE	DWG. No. 41228-400-009 REV H
		SHEET 6 of 11	

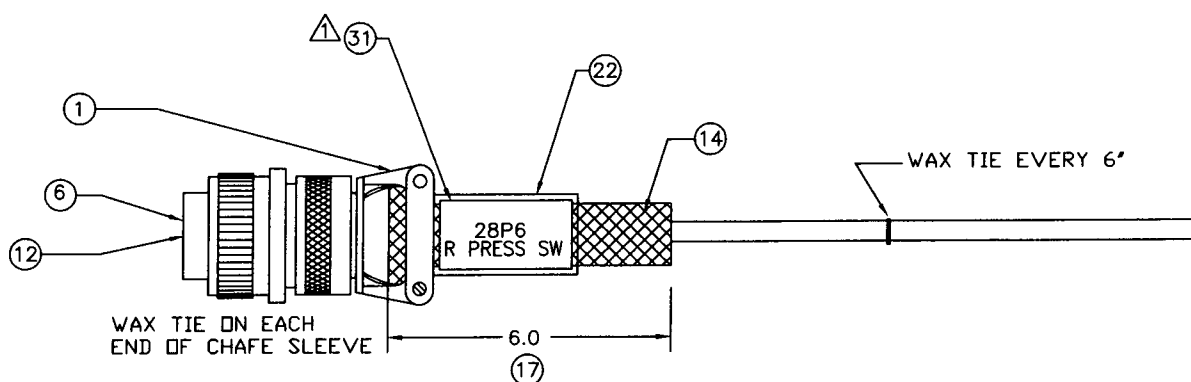
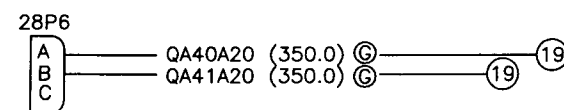
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CONNECTOR 28P4 GATE VALVE A/F HARNESS



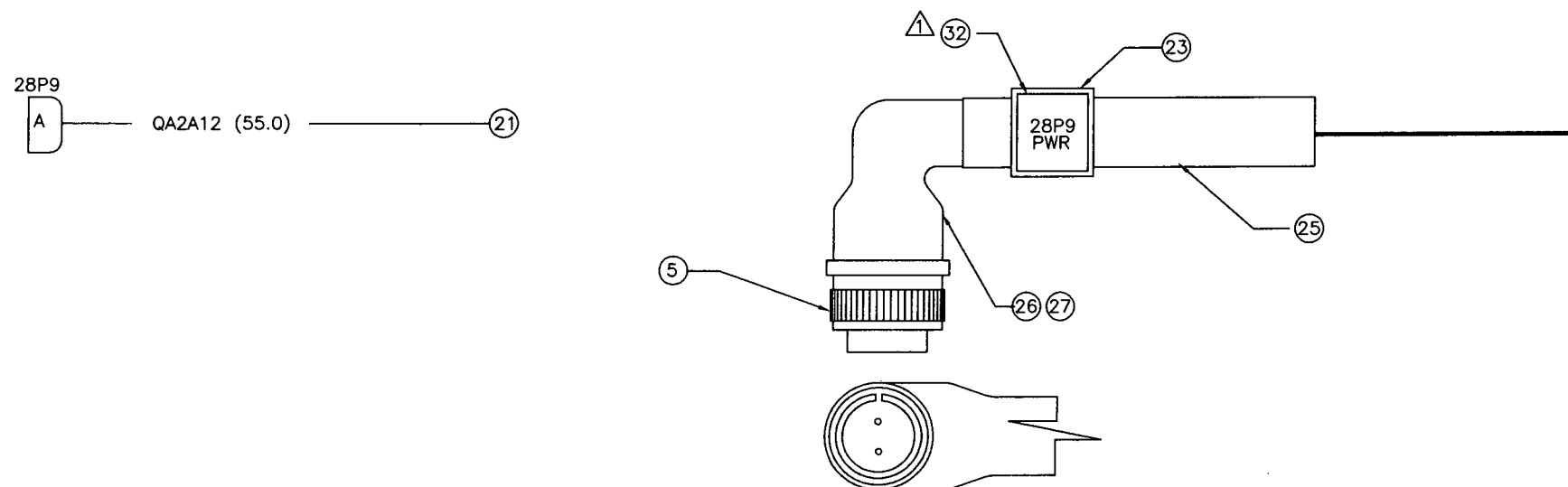
CONNECTOR 28P5 LEFT PRESS SW. A/F HARNESS



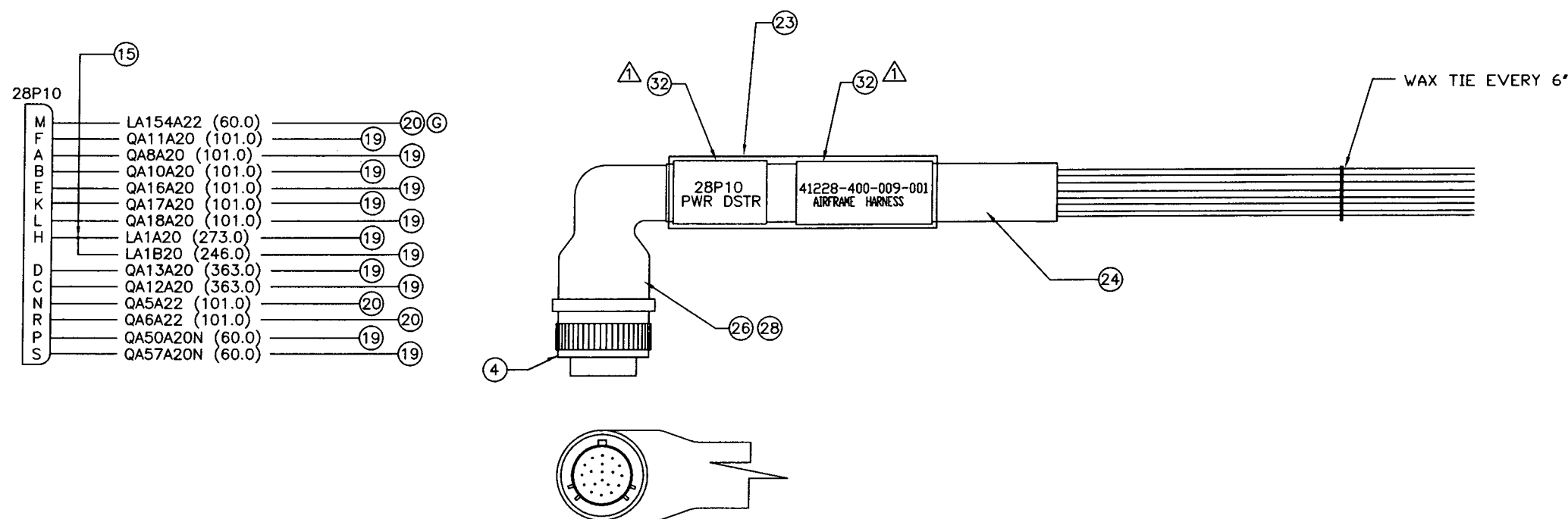
CONNECTOR 28P6 RIGHT PRESS SW. A/F HARNESS

ORIGINAL DATE (MO-DA-YR) 11-15-93		 <small>2508 TEMPLE HEIGHTS DR. OCEANVIEW, CA 92008-3512 (760) 784-0300</small>			
DRAWN BY T. HARVILLE					
DRAWING APPROVAL		CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. No. 41228-400-009	REV H
SCALE NONE		SHEET 7 of 11			


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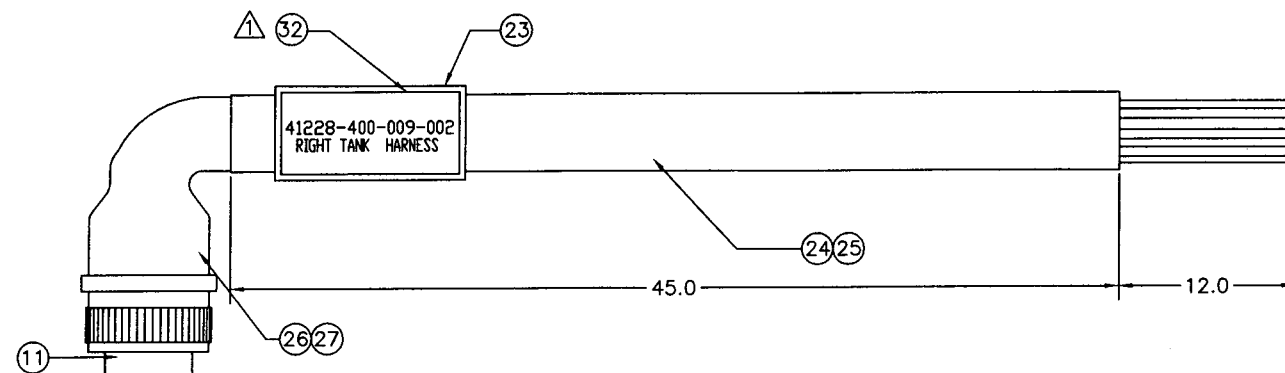
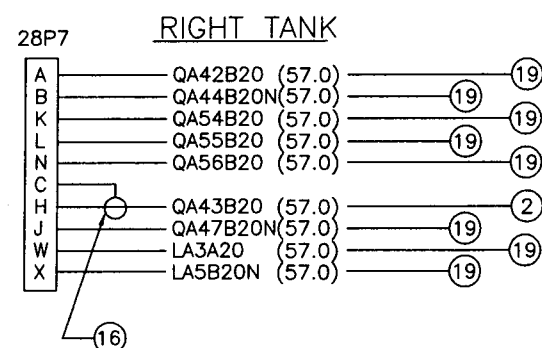
41228-400-009-009 CONNECTOR 28P9 POWER A/F HARNESS



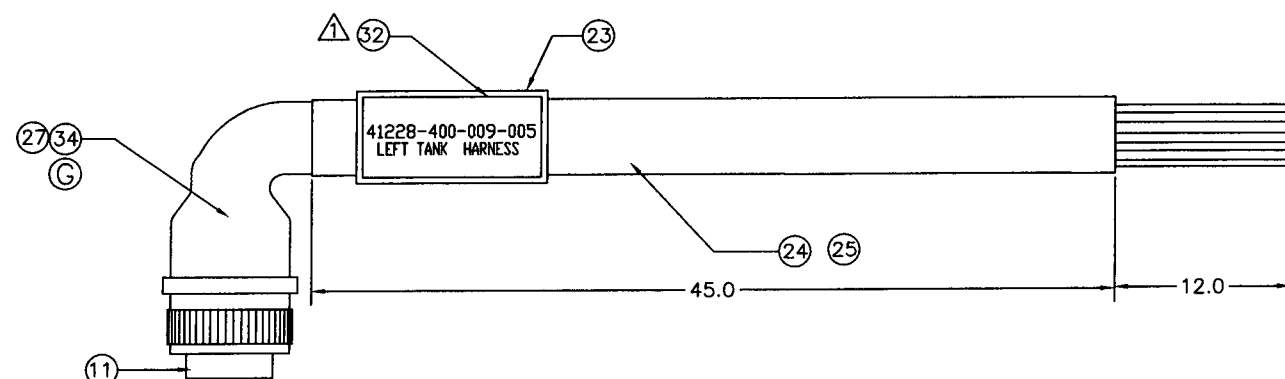
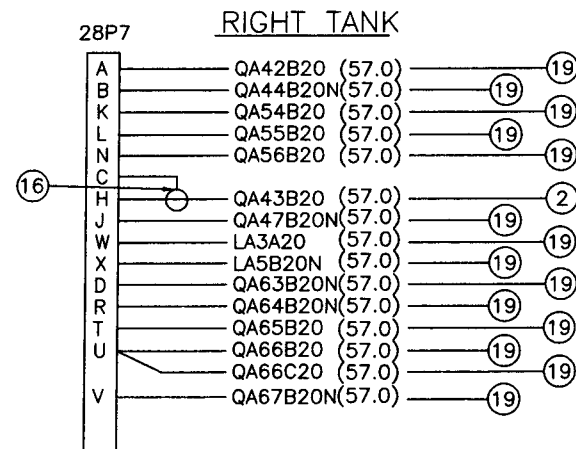
CONNECTOR 28P10 POWER DISTRIBUTION PANEL A/F HARNESS

ORIGINAL DATE (MO-DA-YR) 11-15-93		 <small>2520 TEMPLE HEIGHTS DR. OCCASIDE, CA 92059-3012 (714) 794-0300</small>	
DRAWN BY T. HARVILLE			
DRAWING APPROVAL		CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE B	CAGE CODE 07M26
		DWG. No. 41228-400-009	REV H
		SCALE NONE	SHEET 8 of 11

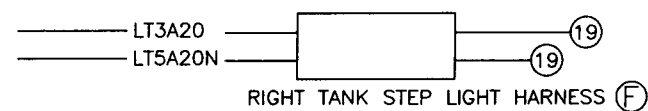
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41228-400-009-002 RIGHT TANK HARNESS



41228-400-009-004 RIGHT TANK HARNESS



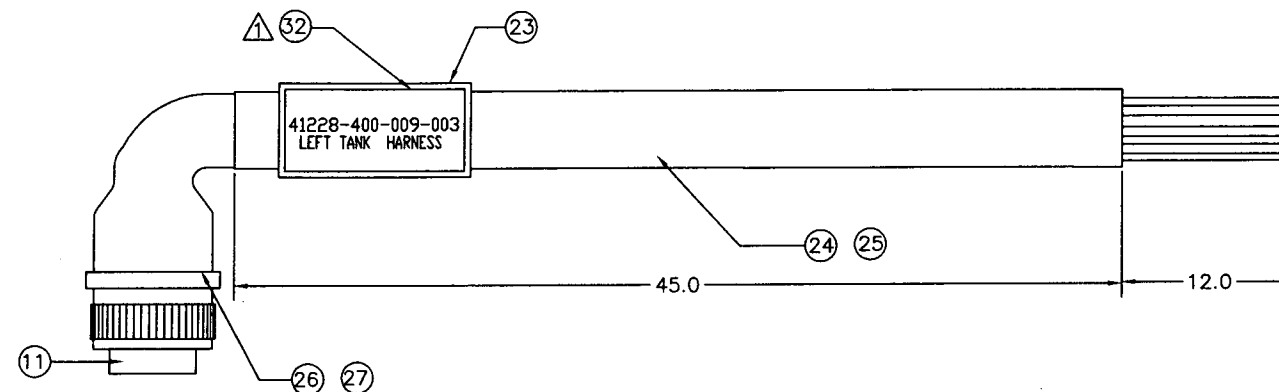
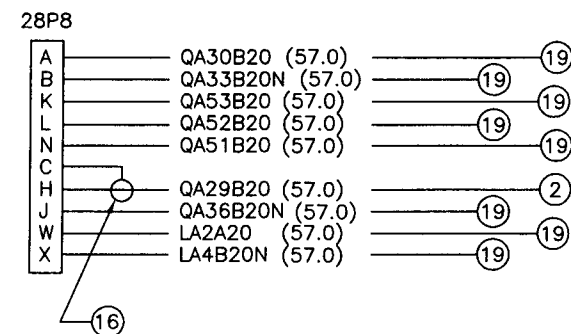
ORIGINAL DATE 11-15-93			
DRAWN BY T. HARVILLE			
DRAWING APPROVAL		AUX FUEL ELC. WIRE HARNESS	
CONTRACT No.		REV H	
UNLESS OTHERWISE SPECIFIED		SCALE NONE	
DIMENSIONS ARE IN INCHES		SHEET 9 of 11	
TOLERANCES ON			
2 PLACE DECIMALS ± .03			
3 PLACE DECIMALS ± .010			
ANGLES ± .5°			
SIZE B	CAGE CODE 07M26	DWG. No. 41228-400-009	

1 2 3 4 5 6 7 8

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A

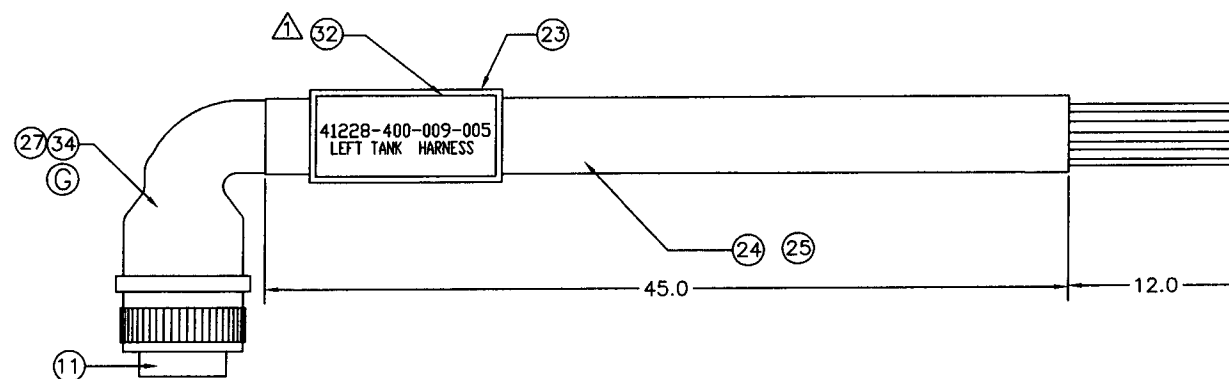
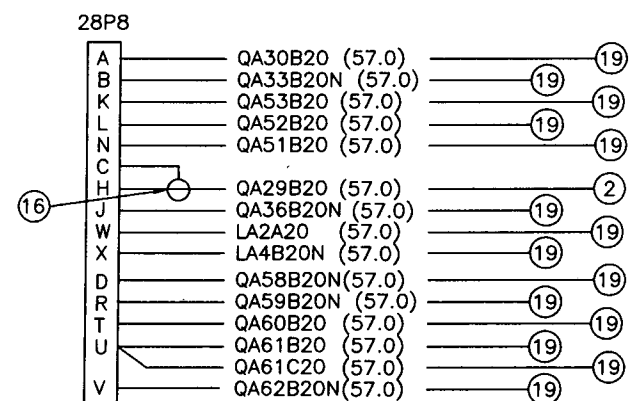
LEFT TANK



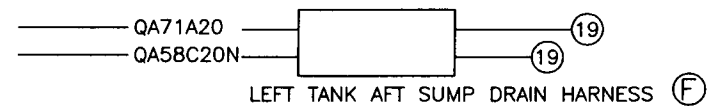
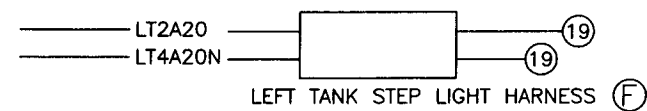
41228-400-009-003 LEFT TANK HARNESS

B

LEFT TANK



41228-400-009-005 LEFT TANK HARNESS



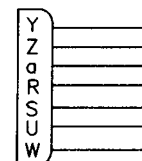
ORIGINAL DATE (MO-DA-YR)	11-15-93	APICAL INDUSTRIES, INC. 2800 TEMPLE HEIGHTS DR. OCEANOGRAPHY, CA 92058-3512 (760) 724-6300	
DRAWN BY	CHECKER		
T. HARVILLE		AUX FUEL ELC. WIRE HARNESS	
DRAWING APPROVAL			
CONTRACT No.		SHEET 10 of 11	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°			
SIZE	CAGE CODE	DWG. No.	REV
B	07MZ6	41228-400-009	H
SCALE	NONE		

1 2 3 4 5 6 7 8

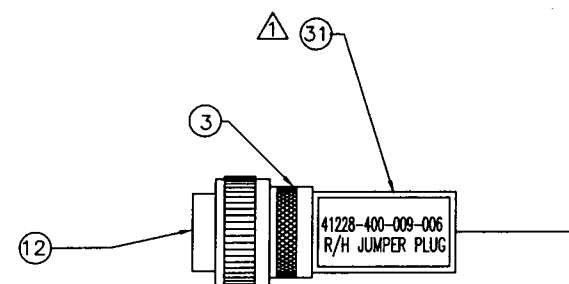
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28P8A



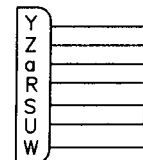
LA7A20 (10.0) 19



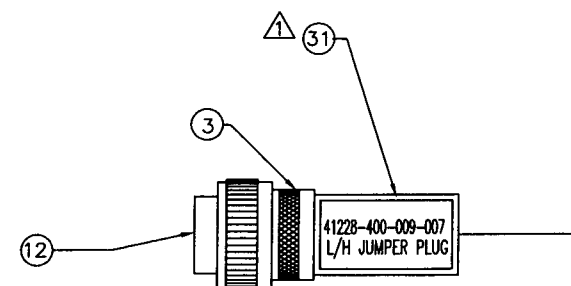
41228-400-009-006 R/H JUMPER PLUG

B


28P7A



LA6A20 (10.0) 19



41228-400-009-007 L/H JUMPER PLUG

ORIGINAL DATE (MO-DA-YR) 11-15-93	 3000 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3012 (760) 724-6300		
DRAWN BY T. HARVILLE			
CHECKER	CONTRACT No.		
DRAWING APPROVAL	AUX FUEL ELC. WIRE HARNESS		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°	SIZE B	CAGE CODE 07MZ6	DWG. No. 41228-400-009
SCALE NONE		REV H	SHEET 11 of 11